July 2007



DEPARTMENT OF EDUCATION

2006-2007 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. The *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2006-2007 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science and technology at grades 4 and 8, based on achievement standards set last year and disaggregated by student and school characteristics. The reports also contain baseline status in writing at grades 5 and 8, reported according to new standards set this year through a process approved by advisory committees and informed by Maine teachers. This report, together with MEA individual student and subject specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The writing reports provide information on a student's ability to respond to a prompt measuring narrative writing at grade 5 and persuasive/argumentative writing at grade 8. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Lusan A. Lendron

Sincerely

Susan A. Gendron

Commissioner of Education



School Report Grade 3

Test Date: March 2007 (Reports Revised October 2007)

ID: 11741426

District: West Bath School Department

School: West Bath School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

March 2007 Date: 3

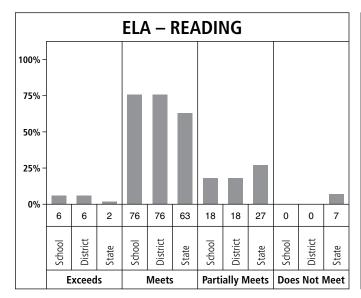
Grade:

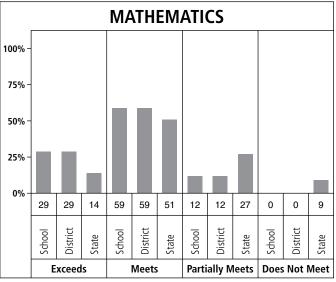
West Bath School Department District:

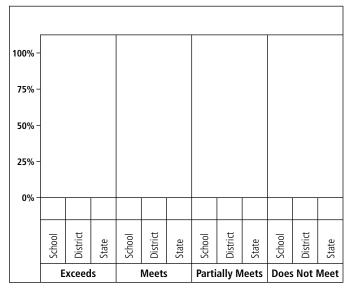
West Bath School School:

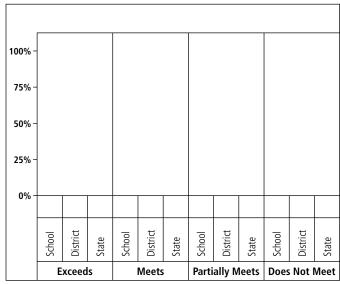
Summary of School, District, and State Scores

Year	Avera	age Scaled S	Score
ieai	School	District	State
ELA – Reading 2005–2006 2006–2007 Cum. Avg. *	353 350 352	354 350 352	345 345 345
Mathematics 2005–2006 2006–2007 Cum. Avg.*	353 357 355	354 357 355	344 347 345









^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Date: March 2007

Grade:

District: West Bath School Department

School: West Bath School

_			En	rol	lme	nt¹									CC	ON ⁻	ΤΕΙ	NT	AR	EA	PA	RT	ICI	PA	TIO	N ²				
CATE	GORY OF	C	during	j test	ting v	vindo	w			ELA-	Readi	ng				ı	Mathe	matic	s											
PART	ICIPATION	Sc	hool	Dis	strict	Sta	ate	Sc	hool	Di	strict		State		Sch	ool	Dis	trict	S	tate	Scl	hool	Dis	strict	St	ate	Sc	hool	District	State
		n	%	n	%	n	%	n	%	n	%	n	%	,	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n %	n %
Total num	ber of students	17	100	17	100	14114	100	17	100	17	100	140	00 99	9	17	100	17	100	14001	99										
Ethnicity	African American	0	0	0	0	374	3	0	0	0	0	36	7 98	3	0	0	0	0	370	99										
	American Indian/Native Alaskan	0	0	0	0	94	1	0	0	0	0	9:	99	9	0	0	0	0	93	99										
	Asian/Pacific Islander	0	0	0	0	252	2	0	0	0	0	24	6 98	3	0	0	0	0	249	99										
	Hispanic	0	0	0	0	179	1	0	0	0	0	17	3 9	7	0	0	0	0	173	97										
	White	17	100	17	100	13196	93	17	100	17	100	131	21 10	0	17	100	17	100	13116	99										
	Not Reported	0	0	0	0	19	0	0	0	0	0	C	0		0	0	0	0	0	0										
Identified	disability	2	12	2	12	2445	17	2	100	2	100	24	25 99	9	2	100	2	100	2422	99										
Current Li	E P	0	0	0	0	339	2	0	0	0	0	32	6 96	6	0	0	0	0	332	98										
Economic	ally disadvantaged	5	29	5	29	5495	39	5	100	5	100) 54	17 99	9	5	100	5	100	5448	99										
Migrant		0	0	0	0	5	0	0	0	0	0	5	10	0	0	0	0	0	5	100										

MODE OF		ELA-Readin	g		Mathematic	s						
	School	District	State	School	District	State	School	District	State	School	District	State
PARTICIPATION ³	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %
Participation without accommodations	16 94	16 94	11043 78	16 94	16 94	11094 79						
Identified disability (PET/IEP)	1 6	1 6	602 5	1 6	1 6	627 6						
LEP	0 0	0 0	162 1	0 0	0 0	169 2						
504 plan	0 0	0 0	99 1	0 0	0 0	101 1						
Participation with accommodations	1 6	1 6	2782 20	1 6	1 6	2747 19						
Identified disability (PET/IEP)	1 100	1 100	1659 60	1 100	1 100	1639 60						
LEP	0 0	0 0	156 6	0 0	0 0	162 6						
504 plan	0 0	0 0	59 2	0 0	0 0	57 2						
Other	0 0	0 0	936 34	0 0	0 0	915 33						
Participation through alternate assessment (PAAP)	0 0	0 0	168 1	0 0	0 0	160 1						
Identified disability (PET/IEP)	0 0	0 0	164 98	0 0	0 0	156 98						
LEP	0 0	0 0	1 1	0 0	0 0	1 1						
504 plan	0 0	0 0	0 0	0 0	0 0	0 0						
Approved non-participation in reading – 1st year LEP	0 0	0 0	7 0									
Approved non-participation – special consideration	0 0	0 0	10 0	0 0	0 0	11 0						
Non-participation – other	0 0	0 0	104 1	0 0	0 0	102 1						

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Date: March 2007 3

Grade:

District: **West Bath School Department**

West Bath School School:

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	Dis	trict	Sta	ate
The quality of a student's work at each achievement level reflects progress in attaining Maine's Level Expectations in English language arts – reading.	s Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	6	29	6	32	352	3
	2006-2007	1	6	1	6	332	2
	Cum. Avg.	4	19	4	20	342	2
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	12	57	10	53	8641	62
	2006-2007	13	76	13	76	8691	63
	Cum. Avg.	13	62	12	60	8666	63
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	2	10	2	11	3671	27
	2006-2007	3	18	3	18	3781	27
	Cum. Avg.	3	14	3	15	3726	27
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	1	5	1	5	1163	8
	2006-2007	0	0	0	0	1021	7
	Cum. Avg.	1	5	1	5	1092	8

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	ıt)
Learning Results Content Standard Cluster		oints sible	Sch	iool	Dist	trict	Sta	ate
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	32.9	71.5	32.9	71.5	28.0	60.9
Literary Text	28	61	20.6	73.6	20.6	73.6	17.9	63.9
Informational Text	18	39	12.2	67.8	12.2	67.8	10.1	56.1

The Maine Learning Results reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short authentic texts, selected from developmentally appropriate published works. Items on the MEA measure Grade Level Expectations, based on Maine's Learning Results, which can be found at http://www. maine.gov/education/lsalt/gles.htm.



ELA-READING RESULTS

(CONTINUED)

Date: March 2007

Grade: 3

District: West Bath School Department

School: West Bath School

					Sch	nool							Dist	trict					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Jene	N	%	%	%	%	Jour	N	%	%	%	%	Jeore
All Students	17	1	6	13	76	3	18	0	0	350	17	6	76	18	0	350	13825	2	63	27	7	345
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	0 0 0 0 17 0	1	6	13	76	3	18	0	0	350	0 0 0 0 17 0	6	76	18	0	350	360 93 241 168 12963 0	1 0 2 0 3	40 52 68 50 64	34 39 22 33 27	25 10 8 17 7	338 342 345 341 345
Identified disability Yes No	2 15	1	7	13	87	1	7	0	0	351	2 15	7	87	7	0	351	2261 11564	0	33 69	46 24	21 5	338 346
Limited English proficient students Current LEP in first year Current LEP beyond first year	0 0										0						4 314	0	35	34	31	336
Economically disadvantaged Yes No	5 12	0	0 8	2	40 92	3 0	60 0	0	0	343 353	5 12	0 8	40 92	60 0	0 0	343 353	5360 8465	1 3	50 71	36 22	13 4	342 347
Migrant Yes No	0 17	1	6	13	76	3	18	0	0	350	0 17	6	76	18	0	350	4 13821	2	63	27	7	345
Gender Female Male Not Reported	9 8 0	1 0	11 0	8 5	89 63	0 3	0 38	0 0	0	352 347	9 8 0	11 0	89 63	0 38	0 0	352 347	6861 6964 0	3 1	67 59	24 31	6 9	346 344
Title 1A targeted program Yes No	0 17	1	6	13	76	3	18	0	0	350	0 17	6	76	18	0	350	2092 11733	0	36 68	48 24	15 6	339 346
Gifted/talented program Yes No	0 17	1	6	13	76	3	18	0	0	350	0 17	6	76	18	0	350	174 13651	16 2	83 63	1 28	0 7	355 345

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007

Grade: 3

District: West Bath School Department

School: West Bath School

4							•													$\overline{}$	$\overline{}$	$\overline{}$
					Sch	ool							Dist	rict					Sta	ıte		
QUESTIONNAIRE ITEMS	Students in Each Category	1	E	ı	VI		P)	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%] 50010	%	%	%	%	%] 50010	%	%	%	%	%	Jeone
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 100 0	1	6	13	76	3	18	0	0	350	0 100 0 0	6	76	18	0	350	5 80 12 3	1 3 2 0	41 66 60 30	40 26 29 41	18 6 9 29	340 346 344 336
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	47 41 12 0	1 0 0	13 0 0	6 5 2	75 71 100	1 2 0	13 29 0	0 0 0	0 0 0	352 349 349	47 41 12 0	13 0 0	75 71 100	13 29 0	0 0 0	352 349 349	27 49 16 8	4 2 1 0	63 69 57 45	26 24 33 39	8 5 9 16	346 346 343 340
Which of the following best describes how you rate yourself as a																						
student in reading? A. very good B. good C. fair D. poor	35 59 6 0	1 0 0	17 0 0	5 7 1	83 70 100	0 3 0	0 30 0	0 0 0	0 0 0	355 347 348	35 59 6 0	17 0 0	83 70 100	0 30 0	0 0 0	355 347 348	42 46 9 2	4 2 1 0	67 63 51 30	22 29 38 48	7 7 10 22	346 345 342 337
How hard was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	29 59 12	0 1 0	0 10 0	3 9 1	60 90 50	2 0 1	40 0 50	0 0 0	0 0 0	345 354 343	29 59 12	0 10 0	60 90 50	40 0 50	0 0 0	345 354 343	22 55 23	1 3 2	50 69 62	36 24 28	13 5 9	342 346 344
How hard were the reading passages on this test? A. Most of the passages were harder than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	18 53 29	0 1 0	0 11 0	2 7 4	67 78 80	1 1 1	33 11 20	0 0 0	0 0 0	347 351 350	18 53 29	0 11 0	67 78 80	33 11 20	0 0 0	347 351 350	20 49 32	0 2 4	38 68 70	45 25 20	16 5 5	340 346 347
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	25 31 25 19	0 0 1 0	0 0 25 0	3 4 3 2	75 80 75 67	1 1 0	25 20 0 33	0 0 0 0	0 0 0	349 350 354 346	25 31 25 19	0 0 25 0	75 80 75 67	25 20 0 33	0 0 0 0	349 350 354 346	19 47 19 15	4 3 1	65 68 59 51	25 24 32 35	7 5 8 14	346 346 344 342
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	73 7 20	1 0 0	9 0 0	7 1 3	64 100 100	3 0 0	27 0 0	0 0 0	0 0 0	349 352 352	73 7 20	9 0 0	64 100 100	27 0 0	0 0 0	349 352 352	26 23 51	2 2 3	57 64 66	32 27 25	10 7 6	343 345 346
Optional school/district question A. B. C. D.	0 0 0 0										0 0 0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number Page 6



MATHEMATICS RESULTS

Date: March 2007 3

Grade:

West Bath School Department District:

West Bath School School:

STUDENTS AT EACH ACHIEVEMENT LEVEL

				1			
ACHIEVEMENT LEVEL DEFINITIONS		Sch	nool	Dis	trict	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine's Level Expectations in mathematics.	's Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	9	43	9	47	1295	9
	2006-2007	5	29	5	29	1985	14
	Cum. Avg.	7	35	7	37	1640	12
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 341–360)	2005-2006	6	29	5	26	6852	49
	2006-2007	10	59	10	59	6990	51
	Cum. Avg.	8	40	8	42	6921	50
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	5	24	4	21	4081	29
	2006-2007	2	12	2	12	3673	27
	Cum. Avg.	4	20	3	16	3877	28
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	1	5	1	5	1638	12
	2006-2007	0	0	0	0	1193	9
	Cum. Avg.	1	5	1	5	1416	10

		nber	Avera	ge Point	s Attaine	d (Numbe	r and Pe	rcent)
Learning Results Content Standard Clusters		oints sible	Sch	ool	Dist	trict	Sta	ate
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	9.8	65.3	9.8	65.3	7.7	51.3
Cluster 2: Shape and Size	14	29	11.8	84.3	11.8	84.3	10.5	75.0
Cluster 3: Mathematical Decision Making	5	10	3.6	72.0	3.6	72.0	3.3	66.0
Cluster 4: Patterns	14	29	12.0	85.7	12.0	85.7	9.8	70.0

Cluster 1: Numbers and Operations

- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making

- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns

- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's Learning Results, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.



MATHEMATICS RESULTS

(CONTINUED)

Date: March 2007

Grade: 3

District: West Bath School Department

School: West Bath School

					Sch	nool							Dist	rict					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	17	5	29	10	59	2	12	0	0	357	17	29	59	12	0	357	13841	14	51	27	9	347
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	0 0 0 0 17	5	29	10	59	2	12	0	0	357	0 0 0 0 17 0	29	59	12	0	357	367 93 247 168 12966 0	6 4 16 7 15	28 42 51 42 51	37 40 22 32 26	28 14 11 20 8	335 340 347 339 347
Identified disability Yes No	2 15	5	33	9	60	1	7	0	0	358	2 15	33	60	7	0	358	2266 11575	6 16	34 54	39 24	21 6	338 349
Limited English proficient students Current LEP in first year Current LEP beyond first year	0										0						10 321	0 4	30 28	30 34	40 34	326 333
Economically disadvantaged Yes No	5 12	0 5	0 42	3 7	60 58	2 0	40 0	0	0	347 361	5 12	0 42	60 58	40 0	0 0	347 361	5371 8470	7 19	44 54	34 22	14 5	342 350
Migrant Yes No	0 17	5	29	10	59	2	12	0	0	357	0 17	29	59	12	0	357	4 13837	14	51	27	9	347
Gender Female Male Not Reported	9 8 0	3 2	33 25	6 4	67 50	0 2	0 25	0	0 0	360 355	9 8 0	33 25	67 50	0 25	0 0	360 355	6865 6976 0	14 14	50 51	27 26	9 9	347 347
Title 1A targeted program Yes No	0 17	5	29	10	59	2	12	0	0	357	0 17	29	59	12	0	357	2098 11743	3 16	37 53	43 24	17 7	338 348
Gifted/talented program Yes No	0 17	5	29	10	59	2	12	0	0	357	0 17	29	59	12	0	357	174 13667	63 14	34 51	3 27	0 9	366 347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007

Grade: 3

District: West Bath School Department

School: West Bath School

					Sch	ool							Dist	rict					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	M		P	ı)	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 100 0 0	5	29	10	59	2	12	0	0	357	0 100 0	29	59	12	0	357	5 80 12 3	7 16 12 3	38 52 50 26	34 26 28 34	21 6 10 37	339 348 346 332
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics	65	3	27	8	73	0	0	0	0	357	65	27	73	0	0	357	37	20	52	22	6	350
class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	29 0 6	2	40 0	2	40 0	1	20 100	0	0	361 338	29 0 6	40 0	40 0	20 100	0	361 338	44 13 6	13 8 5	54 45 30	26 34 40	7 13 24	347 342 337
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good	44 44	3 2	43 29	4 4	57 57	0 1	0 14	0 0	0	363 354	44 44	43 29	57 57	0 14	0	363 354	40 46	21 12	50 53	21 28	8 7	349 347
C. fair D. poor	6	0	0	1 0	100 0	0	0 100	0	0 0	354 338	6 6	0 0	100 0	0 100	0 0	354 338	12 2	6 3	46 31	36 40	11 26	342 336
How hard was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	12 65 24	0 3 2	0 27 50	0 8 2	0 73 50	2 0 0	100 0 0	0 0 0	0 0 0	339 357 366	12 65 24	0 27 50	0 73 50	100 0 0	0 0 0	339 357 366	15 56 29	5 15 18	38 54 51	38 25 23	19 6 7	339 348 349
How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never	76 24 0	5 0	38 0	6 4	46 100	2	15 0	0	0 0	358 356	76 24 0 0	38 0	46 100	15 0	0 0	358 356	32 32 27 9	11 17 18 9	47 53 54 44	32 24 22 32	11 6 6 14	344 349 350 343
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never	12 6 76 6	0 1 4 0	0 100 31 0	1 0 8 1	50 0 62 100	1 0 1 0	50 0 8 0	0 0 0 0	0 0 0 0	341 380 358 360	12 6 76 6	0 100 31 0	50 0 62 100	50 0 8 0	0 0 0 0	341 380 358 360	7 20 46 27	4 11 19 11	33 51 54 49	43 29 21 29	20 9 5 11	337 346 350 345
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	0 0 12 88	0 5	0 33	1 9	50 60	1 1	50 7	0 0	0 0	349 358	0 0 12 88	0 33	50 60	50 7	0 0	349 358	15 31 32 22	7 13 18 17	41 53 53 50	38 27 22 24	14 7 6 9	341 347 349 348
Optional school/district question A. B. C. D.	0 0 0 0										0 0 0 0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number Page 9